

ALMOST READY . . . Workmen inspect the nearly but not completely ready for occupation \$1.7 million Administration Building, which will house all administrative functions and the counseling center. The tallest building on campus with five floors, the Administration Building already has some offices located in the building and more are scheduled to be moved in this week. El Mustang's photographer captures a "CAUTION—finished work" sign which almost reflects the entire 56,000 square foot structure.

Awards System Criticized By SAC; Lawson Suggests More Study

Does Cal Poly have a "rich awards program?" The consensus of the Special Awards Committee report presented to SAC recently was negative.

Mike Elsen, committee chairman, offered the report which included several recommendations:

1. The awards system of College Union, Music Board and Rally-Poly Royal are adequate and should be continued without change.
2. The awards system of the Athletic Control Board is adequate but the award for outstanding student and the activity key should be made one award.
3. The awards system of the Publication Board should be revised. The committee feels there is much duplication of award recipients and there are too many awards given in relation to the number of people served by the board.

The report came under fire by Dan Lawson, SAC advisor, for the failure of the committee to consult outside persons involved with awards about its recommendations. He said the committee's consideration was "inadequate" and that "more study" was needed.

Defending his committee's report, Elsen said that the purpose of his committee was only to study the various awards systems and

that they had been working under a time factor which did not permit the kind of investigation suggested by Lawson.

Last spring SAC froze all award funds until the report was accepted. A later report would have prevented the presentation of some awards this year at the time they were earned.

Elsen got support from Robert Spink, graduate manager, who said the committee had "done what it was created to do."

Modifying his position, Lawson suggested that the committee should be commended for doing the job it did under the circumstances. However, he felt the committee should continue its work and hold meetings to which advisors of groups presenting awards would be invited to speak on the recommendations. He further suggested the committee compare the awards program with those of other schools on the same level as Cal Poly.

Jerry Dieffenderfer suggested the committee hold open hearings to which the groups involved might send representatives. The idea was attacked by Bruce Robinson who felt an open meeting would turn into a "plain donnybrook." He also feared that too many outside people would become involved.

SAC voted to accept the report with comment on the recommendations.

This action permitted unfreezing the award funds.

President Malcolm Kemp directed Elsen's committee to continue its work, keeping in mind the comments made by SAC members and specifically reviewing the amount of money spent on awards in each area and whether there is much duplication of people getting awards.

Lawson added that the committee might think about the whole awards system. Consideration could be given to permitting forms of recognition other than the jewelry, clothing, and bedding now approved as awards.

On other matters, SAC approved the recommendation of its Special Committee on Drama Relations to authorize the English Club to promote and sponsor the winter English Department play, with net proceeds to be divided between the club and ASI.

The special committee, with George Soares as chairman, was formed last month to iron out difficulties over the question of whether or not the play would be sponsored, and if so, how. The issue was complicated by the fact that the English Department, using State money, is producing the play as part of its curriculum.

SAC advisor Douglas Gerard expressed concern that a profit would be made by a group from an educational program which was not intended to make a profit. He therefore thought the administration might not approve of the plan. Soares assured him that the administration had expressed no disapproval.

A contract between CU Drama Committee and the English Club was drawn up to formalize SAC's action.

The Council also approved by voice vote the transfer of \$300 from the baseball budget to the "Coaches" travel fund so that Coach William Hicks can attend the AACBC conference in Chicago.

This \$300 is surplus because when Cal Poly plays the San Diego Marines, room and board will be provided by the San Diego team.

Bruce Robinson of the Athletic Control Board justified the transfer because of the benefits to the baseball team supplied by the information gained at the conference.

Several council members, especially Stan Portugal, felt that there are deficits in other areas of student body activities which could use the extra money. Portugal also felt that \$300 is too much to spend for one person to attend a conference.

Spink explained that if the amount was not approved for the trip it would remain in the athletic budget and would not be free for use outside athletics.

Campus Capers

AIAA SPEAKER
The student chapter of the American Institute of Aeronautics and Astronautics will hold a meeting Thursday at 7:30 p.m. in Ag Eng 123.

The feature of the meeting will be a speech by William Wolff, a Cal Poly graduate of 1948, currently employed at Lockheed. He will speak on supersonic transport. This will be the last chance to join the AIAA.

FARM MANAGEMENT
Robert Chapman, a Cal Poly graduate, will be the guest speaker at the Farm Management Club meeting 7:30 p.m., Thursday in Ag 220. Chapman will speak on "Available Opportunities in the Appraisal Field."

CHRISTIAN FELLOWSHIP
A film, "Mission in Crisis," will be shown at the Cal Poly Christian Fellowship meeting to be held Thursday from 6:30 p.m. to 7:30 p.m. in Lib. 126. The film concerns the Inter-Varsity Christian Fellowship's missionary convention at Urbana, IL, in December.

SKI CLUB FASHION SHOW
Admission is free and everyone is welcome at the Cal Poly Ski Club sponsored fashion show, movie and talk on Yosemite and ski techniques, all to be featured this evening at 7:30 o'clock in the AC Auditorium on campus.

Herb Bauer's Sport Shop of Fresno is presenting the fashion show and movie. Tom Kepler, manager of the ski room at the Sport Shop, will represent Herb Bauer. Bob Harris of the Yosemite Ski School will give the talk.

"ALASKAN EARTHQUAKE"
Herman Light, a Southern California architect, will give a slide lecture on the "Alaskan Earthquake" at a meeting of the student chapter of the American Institute of Architects Thursday at 8 p.m. in the AC Auditorium.

Light was on a government commission along with a group of engineers, architects and geologists to do a study on the March 27 earthquake.

CAMPUS RADIO
Off to a late start this year is the Campus Radio Committee. It will hold its first meeting Thursday at 7:30 p.m. in GA 106.

Eight returning members and advisor Glenn Smith. Speech instructor, welcome any new members.

"We hope to attain a total of 75 members this year," said publicity chairman Phil Saxe. Other temporary officers include George Bruce, chairman, and Gary Fernstrom, program chairman.

On the agenda for Thursday's meeting is a speech by ASB president Malcolm Kemp and a general planning session.

Administrators Moving To New Home

The administrative headquarters of the college is presently setting up in the new administration building located across the street from the South Mountain dorms.

"Our biggest problem so far has been the rain," said Douglas Gerard, College Building Coordinator.

A systematic moving plan is set up and is running along more smoothly than expected, according to Gerard.

The Business Office, the Gen-

eral Office, Purchasing and Personnel offices are presently in full operation on the ground floor of the new building.

The Cal Poly Foundation and the Placement Office are in the process of moving. Also, the Counseling Office are moving out of their old home in the Agricultural Education Building to the new administration building the first part of this week.

Later on this week, the Record's Office, Evaluations Office and the

Admissions Office will proceed to activate their new offices in the building.

The office of the Registrar and data processing will move into their new quarters the first part of next week. The balance of the offices, those of the instructional deans, President of the college and other collegewide administrative offices will not move in until after Dec. 1.

The moving operation is being handled by the college Maintenance Department staff using state

vehicles.

The building is not quite finished but is scheduled for completion before the first week in December, said Gerard. Landscaping will be completed before the end of December. When the entire move is completed, the old Administration Building will be used for classrooms.

The new building was to have been finished sooner, according to Gerard, however, it was necessary to start the move over last week-end due to the new Centrex phone

system.

The phone company has published the new phone numbers in the present directory.

Gerard said the new phone system will provide more convenient access to specific offices for people calling in and it will decrease the personnel needed to operate the switchboard. People calling through the switchboard will be asked to re-dial. A revised phone directory has been made available to staff members.

el mustang

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TUESDAY, NOVEMBER 17, 1964

Three Fall From Morro Rock One Killed

Vincent Griffith, 22, an Architectural Engineering student, and two of his companions fell from the face of Morro Rock Sunday evening, resulting in the death of one member of the trio.

Killed in the fall was Edon Clevenger, 25, who was visiting Griffith for the weekend. James Galt, 22, who was also visiting Griffith, suffered a broken ankle. Griffith was cut and badly bruised.

According to Deputy Larry Wilde, the accident occurred around 5 p.m. Sunday when the trio was descending from the top of the rock.

Griffith and Clevenger were following a ravine in the growing darkness when it abruptly ended in a 150 foot sheer drop. Galt had taken a different route in descending and fell approximately 40 feet but was able to summon help.

Clevenger and Griffith were found at the base of the 150 foot drop.

College Negotiating Contract To Aid Education In Tanzania

J. C. Gibson, assistant dean of agriculture, and Harold Hayes, dean of engineering, recently returned from Tanzania and they feel that Cal Poly's educational philosophy can aid the African country.

Earlier in the year, the college was asked by the Agency for International Development to select two men to make a precontract survey of Technical College in Dar es Salaam in Tanzania, the new name for Tanganyika. Hayes and Gibson were chosen by the administration for their knowledge of engineering and agriculture, the two major sources of income for the country and its people.

During the trip, Gibson and Hayes were requested to study the economic resources of Tan-

zania, the needs of the country for technicians, to analyze the present college program and to evaluate the curriculum, facilities and staff.

From their findings, they found that Cal Poly was in a favorable position to make contributions to the program.

Currently, Cal Poly is negotiating a contract with AID to furnish a technical assistance team to improve the technical educational training in the colleges.

This team would be four staff members selected at representatives to serve a two-year term as advisors, and instructors to the development of a technical training program.

While in Africa, Gibson spent a week in Lusaka to inspect the present program in the College of Further Education. The college presently has a team of four people including Dr. Robert Mott, chief of the party and Physical Education specialist; Velma Johnson, Home Economics; Philip Bromley, Business Education; and George Furimsky, Engineering specialist.

Gibson said, "All four are doing an outstanding job and are a real

credit to Cal Poly."

On Oct. 24, while Gibson was in Africa, Northern Rhodesia gained her independence and became "Zambia." The name was derived from the river Zambesi which separated Northern and Southern Rhodesia.

It is interesting to note that the territory north of the Zambesi River has been renamed three times. Prior to 1963, it was a vast, unexplored territory simply called north of the Zambesi. In 1963 it was renamed Northern Rhodesia and it is now called Zambia.

The independence celebration lasted from Oct. 22 to Oct. 25. The highlight came at midnight on Oct. 25.

The special stadium built for the occasion was filled to its capacity of 180,000 seats, and darkened at midnight. The British flag was lowered and the Zambian flag raised, illuminated by a spotlight.

"It was a spine-tingling and awe-inspiring sight to witness, a country gain its independence," said Gibson.

After the flag was raised to officially signify the country's independence, some 1,200 tribal dancers

representing all the tribes of Zambia, performed on the floor of the stadium.

Gibson said, "It was a well managed independence program. The elected leaders of Zambia are outstanding men and should provide excellent leadership for the country."

Both Gibson and Hayes indicated that as a result of this trip, it is evident the philosophy of Cal Poly can play a major role in providing a strong educational program for the country. "This program certainly will build international good will on a face to face relationship," said Gibson.

"As far as Zambia is concerned," Gibson said, "It is recognized that the efforts of missionaries, the spread of education and the work of administrators has given Zambia its independence."

Here's The Answer To Many Complaints

El Mustang is in a trial period as far as the ASI Finance Committee is concerned, according to Loren Nicholson, advertising advisor to El Mustang. "We must show a profit or we may face another cut in the paper's appropriation."

The cause of the high percentage of advertisements in all issues is

El Mustang has been budgeted to make an income of \$8,580 this year.

Nicholson explained that in the winter quarter the number of advertisers drops tremendously. This is brought about because there are no papers in December and in January and February little advertising is done following the Christmas-New Year season. Thus, in order to make the required income, it is necessary to increase the advertising in the other two quarters to cover the loss in the winter quarter.

The drop in advertising in January and February, Nicholson emphasized, is a national trend. College papers, especially those depending on local ads, are hurt since businessmen tend to think of school papers as "expedient."

The current estimates are that 40-45% of the income will be realized in the fall quarter, 30-35% in the winter, and 30-40% in the spring.

Less advertising would be necessary if the student body would subsidize El Mustang to a greater degree than at the present or in the past. The newspapers budget is \$9,975, of which \$1,355 constitutes student support. This figure is 14 per cent.

Get wrong Number? Check Book, College Under New System

All college staff and faculty telephone numbers have changed.

They were changed over the weekend when a \$100,000 complex of telephone switching equipment went into service on the fifth story of the new Administration Building.

The new numbers of telephones located in some 43 principal offices at the college are listed alphabetically in the Cal Poly section of the San Luis Obispo Telephone Directory. They appear under the heading: AFTER NOVEMBER 15.

The school's main number is now 546-0111.

Homecoming

Crops Club Wins Honors

This year's Homecoming started with a fixle as rain and hail and a sky that looked as though it had been smeared with mud greeted returning alumni; however, the sky cleared Saturday and it ended with a bang as the 1964 Homecoming Queen, Ann Ringelbrecht, crowned lovely Joanne Dockwiler Queen of Homecoming for 1964 at the Coronation Ball.

Friday's rain didn't dampen Mustang spirits for Saturday's activities. A record crowd attended the morning parade and watched more than 20 colorful floats proceed throughout the town.

Taking first place honors in the float category was the Crops Club. Other winners included Inter-Class Council, second; Ornamental Horticulture which used real flowers to decorate, third; Agriculture Engineering, fourth; House and Air Conditioning, fifth; and Air Conditioning, sixth. The Noctive award went to Muir Hall.

Perilous antics of the football field appeared to be plaguing the Mustang gridirers as for the

ninth straight time, they disappointed Mustang rooters. The Saturday afternoon game was seen by many alumni, most of whom could remember the good ol' days when Pully used to win their football games.

Screams of glee could be heard from many of the alumni as they greeted old friends during the evening banquets. Parties continued until early morning.

The Coronation Ball, highlight of Homecoming for most students, was highly successful. Sponsored by the Agriculture Business-Management Club, the dance featured an exceptional orchestra.

The efforts of club members in arranging decorations for the affair weren't wasted. Comments on the beauty of the decorations could be heard throughout the evening.

The Ugliest Man on Campus, David Lee of the sophomore class, escorted Queen Joanne Dockwiler to her throne of honor to bring all the excitement of Homecoming to a close.

'Sensualism' is Topic of Architectural Critic

Deep concern or desperate confusion keynotes current architectural criticism noted Craig Ellwood, guest speaker at the Architectural Engineering Department dinner.

Over 100 persons attended the lecture-dinner event held on campus for architecture majors, staff, and guests. The lecture, entitled "Sensualism in Architecture" was accompanied by slides. It was a critical analysis of the trend of sensualism in architecture which Ellwood described as non-sensualism.

Baseless innovations, personal idiosyncrasies and sensationalism, characteristic of the current race to get ahead in architecture, have no regard for "structural integrity," emphasized Ellwood. "The moment form is arbitrary, it can

no longer be called architecture," he said.

"The artist sculpturer and artist painter enjoy a freedom the architect does not have," the lecture pointed out. He showed slides for examples of non-sensualism by some top professionals in the business.

Ellwood explained that he criticized with no intent of disrespect but only with the truth of his own convictions. He said it is difficult to design architecture worthy of criticism.

The 39-year-old architect, a fall semester visiting critic at USC, said he felt that the architect must know and understand structure, which is architecture. He went on to say that the architect must seek out simplicity and express logic and clarity to convey the validity of a structure's existence.

Symphony To Debut Orchestra

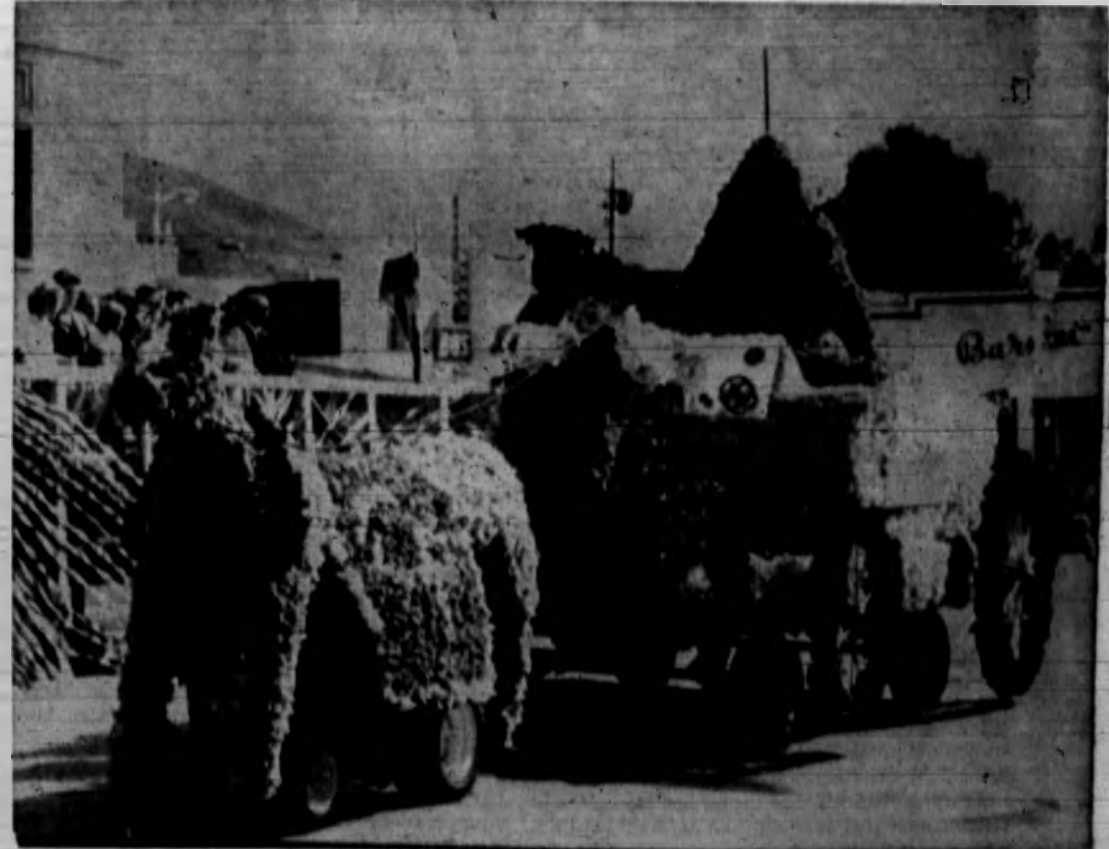
A contrast of 18th century and 20th century music will be presented by Cal Poly's Little Symphony Orchestra at the 11 a.m. College Hour Concert in the Little Theater Thursday.

Emanuel R. Helfets will put the new orchestra through its paces during its premiere performance. Also as a special treat, Frederick M. Davis will guest-conduct his modernistic Third Movement from his "Symphony in G."

The 18th century portions of the concert will include the Quartet in E Flat major, Opus 64 by Joseph Haydn; and Symphony in G major, KLO by Wolfgang A. Mozart.

The last three selections are 20th century compositions. The pieces are Danes Overture by Burrill Phillips; The Third Movement from "Symphony in G" by Frederick M. Davis; and "In the Foreway," from Boston Sketches by Paul White.

Helfets has directed the Little Symphony Orchestra since its inception this fall and believes that the group has done a fantastic amount of work in such short time.



SWEETSTAKE WINNER . . . Crops Club's "Cal Poly's Time Machine" walked off with top honors during Saturday's Homecoming parade. The 1964 Sweetstake trophy winner depicted a time machine being pulled by a Cal Poly Mustang.

Homecoming Loss

Mustangs Throw Shoe In 20-0 Mudfest

Idaho State made a shambles of Poly's homecoming victory plans Saturday as the Mustang grid machine threw a shoe on the muddy home turf, allowing the Bengals to grind out a 20-0 victory.

It was the ninth straight defeat for the hapless locals, who can't seem to pick up yardage in the clutch, a disastrous shortcoming of any football team.

In somewhat of a switch, Coach Sheldon Harden had his troops fighting it out on the ground, a sharp contrast to the team's pass-oriented attack of the past. They amassed 166 yards rushing in the first half, picking up the pace in the futility final moments. All was of no avail, however, as the team continued to choke up whenever in reach of paydirt.

Billy Shaw, living up to his advance rave notices, scored twice for the Skyline Conference champs, riling up 85 yards in 17 carries while completing one pass for 12 yards. Coming into the game, the senior quarterback had picked up more than twice the net rushing yardage of the entire Cal Poly team.

Idaho's first tally came midway through the first period after Poly, who had received the opening kickoff, failed to muster an attack and was forced to punt. Settling up base camp on the Mustang 48, the Bengals, with a Shaw at the helm, set out on a sustained drive which carried them to the ten. Then the Idaho quarterback, keeping for the first time, lit out around the right

side and was tripped up on the three by Monty Cartwright. On the next play he again elected to hang onto the football and twisted off left tackle for the score. Don Neves' attempt split the uprights and the visitors were in front 7-0.

Pat Beasley put on quite a running display for the Mustang cause in the second quarter before an injury sidelined him for the rest of the game. His 53 yards gained rushing, tops for the team, still couldn't get the Poly machine in gear, however, and the stage was set for the second Bengal touchdown.

With Shaw and Cliff Chilton doing most of the lugging the men from Boatsello soon made up for the poor field position they inherited due to a clipping penalty on a punt return and marched 66 yards to once again advance to the Mustangs doorstep. The suspense was broken when Chilton scooted around left and from the eight for the laurels. Neves placement went array, however, and with 4:35 remaining in the period the Bengals were on the bright side of a 13-0 margin.

A blocked punt by Bill Pederson set up the third and final score of the game in the latter part of

the third period. The Bengals were as good as in when he pounced on the loose ball on the Poly five. Shaw tried the keeper off left tackle again but was piled up on the three. Trying the outside to the right, he found some running room behind a host of blocker and pummeled in for his second touchdown of the game. This time Neves' two was right and the final score of 20-0 was on the boards.

The fourth period saw the Mustangs put together their biggest threat of the day and the Bengals nearly got their fourth touchdown.

With Bill Runbe passing and Bill Roberts running, Cal Poly drove all the way from their own 27 to the enemy 10 only to have a series of incomplete passes snuff out the threat. Roberts got off runs of 23 and 18 yards in the surge but to no avail.

With only seconds left on the clock Bengal defensive back Jim Lovat snatched a stray Kaabe aerial out of the air and set sail 65 Off setting penalties forced the play over, however, saving the home team any further embarrassment.

Hardin's gridders get their last chance for a victory next week at UC Santa Barbara.

Harriers Lose Meet In Three-way Run

Bad luck and an injury to star freshman performer Dave Anderson ruined an otherwise fine effort by the Cal Poly cross country squad Saturday, as the Diek Purcell coached locals lost a three-way meet to Idaho State and UC Santa Barbara at Goleta. Final scores: Idaho, 24; Santa Barbara, 39; Poly, 66.

Anderson, handicapped by a pulled tendon which had layed him off for a week before the meet, just wasn't himself as he finished 13th out of a field of 85, while John Angelo and Fred Rich slipped and fell on the course to put a further snag in local victory plans. The pair came on strong at

the end to finish fourth and fifth for the Mustangs.

As a whole, the team ran a strong race, improving a minute and 45 seconds per man over the last time they ran on the 4.2 mile Santa Barbara at Goleta. Final score: Idaho, 24; Santa Barbara, 39; Poly, 66.

This Saturday the team puts everything on the line at the California Collegiate Athletic Association meet at Fresno. All previous meets were merely tuneups with the conference championship being decided in this big season finale.

Waterpolists Cinch Second Place In CCAA Play

Coach Richard Anderson's water polo squad added San Francisco State to its list of wins Thursday, slipping the Gators an 11-4 defeat in Poly pool.

Poly, who clinched second place in the California Collegiate Athletic Association with a 4-2 victory over Los Angeles State last week, closed out regular season play in the SFFC contest with a 9-4 record over all and a 4-1 mark in league play.

Roger Moblad and Tom Ruggles, who have given the locals a strong one-two punch in the offensive department all season, were again the headliners of the attack, contributing five goals between them to give the team all the points necessary for victory.

With Moblad pushing in a couple of well-placed shots, Anderson's proteges jumped to a 4-2 advantage at the first buzzer, a lead which they never relinquished. They then led 6-2 at intermission, and held a 9-3 margin when the whistle blew getting the final underway.

Against L.A. State last week Ruggles grabbed the scoring honors with a pair of goals in a familiar starring role. The win completed a highly productive loop season for the locals, which only powerful Long Beach State could blemish.

This weekend the team travels to the Gator's pool to compete in the CCAA league tournament and wrap up one of the most successful water polo campaigns in Poly annals.

SAC Approves Trip To NCAA Convention

By John Berillis

Several weeks ago, the subject of sending Poly's head coaches to the annual meeting of the National Collegiate Athletic Association in Chicago was brought before the Athletic Control Board meeting.

As was expected and explained by Richard Anderson, acting head of the Physical Education Department and advisor to the board, several coaches would be unable to attend because of the limited amount of funds to finance their trip. Normally, approximately \$400 is appropriated by SAC to send the coaches to this annual meeting.

Terry Curl, baseball's student representative to the meeting, asked the board's approval to send William Hicks to the meeting by co-appropriating funds already granted the squad for their 1965 season.

Curl went on to say that the their scheduled meet with the San Diego Marines could be used for the trip due to the fact that their meals and lodging would be paid for by the Marines team. Their only cost then would be that of transportation expenses.

There was some speculation on the part of students and some faculty members alike as to whether it was necessary to send the coaches to this meeting.

Anderson, chairman of Special

Awards Committee and chairman of the Water Polo Rules Committee, said, "This is the most desirable method for in service training a college coach can participate in. At these conventions we have from 15 to 20 workshops where the coaches learn of new equipment, improved techniques and improved methods concerning the financing of the teams. It improves our coaches as instructors, as coaches and as members of the staff."

Head basketball coach, Ed Jorgensen, has attended five times in the last 17 years since he's been at Poly and is planning on attending the basketball meeting in Portland in March. He agreed with Anderson and indicated it was important for these men to attend and be present at the clinic studies, be aware of the rule changes and have an active part in schedule making which is important to the school and the sport.

Jorgensen went on to say, "We are greatly lacking in representation from the west coast to attend these meetings. Here lies an opportunity for all coaches to participate actively in promoting the growth and improvement of the coaching organization."

This week the finance committee and the Student Affairs Council approved Curl's proposal and Hicks will attend the convention held in January. Hicks attended the con-

vention in 1962 when Ted Williams and Maury Wills were the guest speakers.

After hearing the final decision, Hicks said, "I am very happy and thankful for the opportunity to again represent our team this year."

WAA NEWS

Women volleyballers had a bad day last Nov. 7 at the Annual Women's Interscholastic Volleyball Tournament at San Fernando Valley State College.

Seven teams entered the tournament besides Cal Poly, including California State College at Long Beach, San Fernando Valley State, California Lutheran, Occidental, UC at Santa Barbara, Cal Poly-Pomona and the University of Southern California.

After losing its first game to USC, Poly entered the consolation bracket for third place. In the second round the San Luis Obispo girls out-scored the girls from Pomona 15-8 and 15-3.



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Intramural

This year's Intramural Track Meet will be held this fall, Monday, Nov. 23, instead of in the spring when it has been held in the past.

The day's events will start at 8:45 p.m. and will include the high jump, broad jump, shot-put, discus throw, pole-vault, 100 and 200-yard dashes, 440- and 880-yard relays. Sign up sheets for these events are on the Intramural bulletin and in MPE 211.



Graduation was only the beginning of Jim Brown's education



Because he joined Western Electric

Jim Brown, Northwestern University, '62, came with Western Electric because he had heard about the Company's concern for the continued development of its engineers after college graduation.

Jim has his degree in industrial engineering and is continuing to learn and grow in professional stature through Western Electric's Graduate Engineering Training Program. The objectives and educational philosophy of this Program are in the best of academic traditions, designed for both experienced and new engineers.

Like other Western Electric engineers, Jim started out in this Program with a six-week course to help in the transition from the classroom to industry. Since then, Jim Brown has continued to take courses that will help him keep up with the newest engineering techniques in communications.

This training, together with formal college engineering studies, has given Jim the ability to develop his talents to the fullest extent. His present responsibilities include the solution of engineering problems in the manufacture of poly-permalloy core rings, a component used to improve the quality of voice transmission.

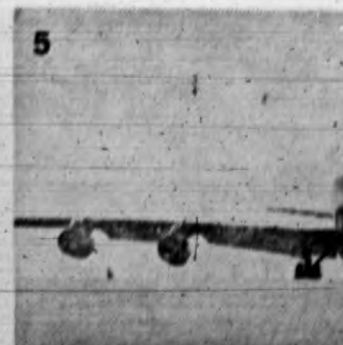
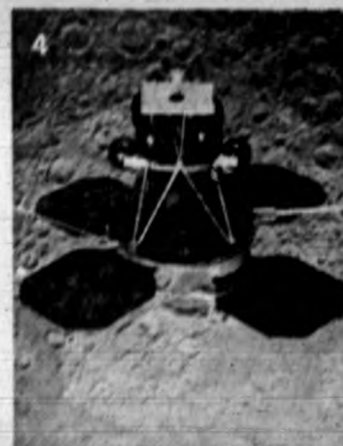
If you set the highest standards for yourself, enjoy a challenge, and have the qualifications we're looking for — we want to talk to you! Opportunities exist now for electrical, mechanical and industrial engineers, and for physical science, liberal arts and business majors. For more information, get your copy of the Western Electric Career Opportunities booklet from your Placement Officer. And be sure to arrange for an interview when the Bell System recruiting team visits your campus.

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Let's talk about long-range engineering and science careers in a dynamic, diversified company

Campus Interviews Thursday, November 19



Young men of ability can get to the top fast at Boeing. Today, Boeing's business backlog is just under two billion dollars, of which some 60 per cent is in commercial jetliner and helicopter product areas. The remainder is in military programs and government space flight contracts. This gives the company one of the most stable and diversified business bases in the aerospace industry.

No matter where your career interests lie—in the commercial jet liners of the future or in space-flight technology—you can find an opening of genuine opportunity at Boeing. The company's world leadership in the jet transport field is an indication of the calibre of people you'd work with at Boeing.

Boeing is now pioneering evolutionary advances in the research, design, development and manufacture of civilian and military aircraft of the future, as well as space programs of such historic importance as America's first moon landing. Gas turbine engines, transport helicopters, marine vehicles and basic research are other areas of Boeing activity.

Whether your career interests lie in basic or applied research, design, manufacturing or administration, there's a spot where your talents are needed at Boeing. Engineers and scientists at Boeing work in small groups, so initiative and ability get maximum exposure. Boeing encourages participation in the company-paid Graduate Study Program at leading colleges and universities near company installations.

We're looking forward to meeting engineering and science seniors and graduate students during our visit to your campus. Make an appointment now at your placement office.

1. Boeing 727, America's first short-range jet.
2. Variable-sweep wing design for the nation's first supersonic commercial jet transport.
3. NASA's Saturn V launch vehicle will power orbital and deep-space flights.
4. Model of lunar orbiter Boeing is building for NASA.
5. Boeing 707 jetliner was the U.S.'s first. Today Boeing jets dominate the air routes of the free world.
6. Boeing Vertol 107 transport helicopters link major terminals with local airports and center-city heliports.
7. CX-HLS. Boeing is already at work on the next generation of giant cargo jets.

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